

Powered by Dialog**Dialog eLinks:** Order File History**IMIDAZOLIDINE DERIVATIVE****Publication Number:** 02-019363 (JP 2019363 A)**Published:** January 23, 1990**Inventors:**

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Applicants

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Application Number: 63-169900 (JP 88169900)**Filed:** July 06, 1988**International Class (IPC Edition 5):**

- C07D-233/72
- C07D-233/74
- C07D-403/06
- A61K-031/415
- A61K-031/415
- A61K-031/415
- A61K-031/415
- A61K-031/415
- A61K-031/415

JAPIO Class:

- 14.1 (ORGANIC CHEMISTRY--- Organic Compounds)
- 14.4 (ORGANIC CHEMISTRY--- Medicine)

Abstract:

NEW MATERIAL: An imidazolidine derivative shown by formula I ($R_{(sup\ 1)}$ is H or (lower) alkyl; $R_{(sup\ 2)}$ is lower alkyl, lower alkylthio (lower) alkyl or tri-(lower) alkoxyaryl; $R_{(sup\ 3)}$ is benzyl; $R_{(sup\ 4)}$ is lower alkyl or ar-(lower) alkyl; or $R_{(sup\ 3)}$ is H, phenyl (2C-6C) alkyl, naphthyl (lower) alkyl, aryl, diphenyl (lower) alkyl, etc.; $R_{(sup\ 4)}$ is H or lower alkyl; with the proviso that when $R_{(sup\ 3)}$ and $R_{(sup\ 4)}$ are H, $R_{(sup\ 1)}$ is lower alkyl) and a salt thereof.

EXAMPLE: 3-Butyl-5-(1-phenylethyl)imidazolidine-2,4-dione.

USE: Useful as an antagonist of platelet activating factor. A preventive and remedy for diseases such as allergic symptoms and thrombosis.

PREPARATION: For example, as shown the reaction formula, a compound shown by formula II is reacted with a

compound shown by formula III to give a compound shown by formula Ia among compounds shown by formula I.
(From: *Patent Abstracts of Japan*, Section: C, Section No. 705, Vol. 14, No. 149, Pg. 56, March 22, 1990)

JAPIO

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Dialog® File Number 347 Accession Number 3043863